

JESIPOWIC, Mieczyslaw

A case of pulmonary sequestration. Gruzlica 33 no.4:343-345  
Ap '65.

1. Z I Kliniki Chirurgicznej AM w Lublinie (Kierownik: prof.  
dr. med. T. Jacyna-Onyszkiewicz).

JESIPOWICZ, Mieczyslaw; JABLONKA, Stanislaw

Posttraumatic hemorrhage from biliary tracts into the digestive tract. Pol. przegl. chir. 37 no.7:725-726 Jl '65.

1. Z I Kliniki Chirurgicznej AM w Lublinie (Kierownik: prof. dr. T. Jacyna-Onyszkiewicz).

L Q6098-67

ACC NR: AP6026291 (A,N)

SOURCE CODE: P0/0069/66/000/007/0605/0608

AUTHOR: Chmielewski, Konrad (Lt. Col.; Doctor of medical sciences);  
Jesionowski, Mieczyslaw (Lt. Col.; Doctor of stomatologic medicine)

ORG: Faculty of Stomatology, 2 CSK WAM ( Katedra Stomatologii 2 CSK WAM);  
Department of Stomatological Prostheses, 2 CSK WAM ( Zaklad Protetyki  
Stomatologicznej 2 CSK WAM)

TITLE: On the feasibility of using quick forming prostheses from rapidly  
polymerizing methyl metacrylate under field conditions

SOURCE: Lekarz wojskowy, no. 7, 1966, 605-608

TOPIC TAGS: dentistry, dental equipment, methylmethacrylate, polymerization rate,  
synthetic material

ABSTRACT: The authors discuss the use of rapidly polymerizing prostheses from methyl  
metacrylate. The use of these prostheses in dentistry and, in particular, in dental  
surgery during extraction of teeth is discussed. Its simplicity in terms of rapid  
polymerization makes the use of these materials feasible for taking mouth impressions  
for formation of partial or total bridges, without the use of complicated and ex-  
pensive instruments. As an example of the efficiency of these prostheses the authors  
cite 300 cases in which only 2 cases required further intervention in the process of:

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L JOUYO-O/

ACC NR: AP6026291

healing tooth extraction cavities. The properties of the polymer and its anti-bacterial activity, as well as the absence of swelling due to the polymer and its effect on the mechanism of blood coagulation are discussed. It is concluded that the application of rapidly forming prostheses should be treated as a problem of the near future in stomatological stations, both in peace and in war.

SUB CODE: 06,11/ SUBM DATE: 09Mar65.

Card 2/2 LC

KWIATKOWSKI, Mieczyslaw; JESIPOWICZ, Mieczyslaw; LUKASIEWICZ, Mieczyslaw

Usefulness of peroperative examination in gastric tumors. Polski przegl.  
chir. 30 no.5:541-543 May 58.  
(BREAST NEOPLASMS, surgery,  
perop. histol. exam. (Pol))

KWIATKOWSKI, Mieczyslaw; JESIPOWICZ, Mieczyslaw

Treatment of skin cancer with electrocoagulation. Polski tygod. lek, 13 no.49:1971-1974 8 Dec 58.

1. (Z I Kliniki Chirurgicznej Akad. Med. w Lublinie; kier: prof. dr Tadeusz Jacyna-Onyszkiewicz i z Woj. Poradni Onkologicznej w Lublinie; kier: lek. med. Mieczyslaw Kwiatkowski) Adres: Lublin, ul Szopena 12/5.

(SKIN NEOPLASMS, surg.

electrocoagulation (Pol))

(ELECTROCOAGULATION, in various dis.  
cancer of skin (Pol))

JESIĘDZIEC, M.

PANECKA, Anna; JESIPOWICZ, Mieczyslaw

Hemorrhage from the stomach displaced into the sac of a giant right scrotal hernia. Pol. przegl. chir. 36 no.10:  
1213-1215 0 '64

1. Z I Kliniki Chirurgicznej Akademii Medycznej w Lublinie  
(Kierownik: prof. dr. T. Jacyna-Onyszkiewicz).

JESKE, Grzegorz, mgr

The physiological role of roots in the circulation and metabolism of organic compounds. Postepy biochemii 6 no.4: 501-516 '60. (EEAI 10:3)

1. Adiunkt Katedry Fizjologii Roslin WSR w Poznaniu.  
(ROOTS (BOTANY)) (ORGANIC COMPOUNDS)

JESKE, J.

"Handbook on flax and hemp growing"

p. 71 (Warszawa, Państwowe Wydawn. Rolnicze i Lesne, 1954, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan. 59.

POLAND

JESKE, Jozef; and STOCHLA, Krystyna, Department of Pharmacodynamics of the Medical College (Zaklad Farmakodynamiki Akademii Medycznej) Head (Kierownik) Prof. Dr. Jozef JESKE, Warsaw

"Effect of Chlorpromazine and Levomepromazine on Rabbits' Blood Sugar Level, Insulin Hypoglycemia, Epinephrine, Norepinephrine and Glucose Hyperglycemia"

Warsaw, Farmacja Polska, Vol 22, No 9, September 1966; pp 653-658

**Abstract:** Intravenous injection of 4 mg/kg of chlorpromazine or 3 mg/kg of levomepromazine induced statistically significant rise in glycemia and potentiated hyperglycemia induced by epinephrine; it had no effect on insulin hypoglycemia nor on norepinephrine or glucose hyperglycemia. The body temperature of the animals decreased slightly following injection of the two drugs. 3 tables, 2 graphs, 2 Polish and 11 Western references.

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POL.

✓ Experiments on sorbose. Józef Ješek, Franciszek Kokot, Leonty Samochowicz, Józefin Binkiewicz, and Jan Chelmicki (Zakład Farmakol. Kptn. Ślaskiej Akad. Med., Zabrze-Rokitnica). *Acta Polon. Pharm.*, 11, 285-292 (1954).—Guinea pigs, 250–400 g. body wt., in which scurvy developed by feeding a special vitamin C (I)-deficient diet, died in spite of the supplementary feeding of 5–20 mg. sorbose (II)/100 g. body wt. It is not a precursor of I in guinea pigs. Men (15) and dogs (20), after administering II in the amt. of 0.25–1.00 g./kg. body wt. (in men orally and to dogs orally and by intramuscular injection, & 10% II soln.), showed only a slight increase of blood-sugar concn., about 10 and 20 mg. %, resp. However, after administering II by intravenous injection to dogs (with 20% II soln.) the blood-sugar concn. increased rapidly about 100 mg. % and remained at this level for approx. 3 hrs.; only after this period of time first traces of II appeared in urine. The amts. of II not assimilated by men and dogs averaged 11.1 and 10.2% of the II administered, resp. The degree of assimilation of II administered to dogs did not depend on either the manner of supplying II or on the size of the dose used (within the limits of 0.25 and 1.00 g. II/kg. body wt.). The amt. of I excreted in urine and the concn. of blood I were not affected by the administration of II or glucose. II had no effect on blood pressure, respiration, or diuresis as found in dogs and rabbits. II also had no pharmacol. effect on the isolated intestine and matrix of guinea pigs. II was toxic in the amt. of 10 g./kg. body wt. and above; the lethal dose was 30 g. II/kg. R. Wierblek

KOZNIEWSKA, Halina; BORKOWSKI, Tomasz; SLIWINSKA, Jadwiga; ABRAHONICKI,  
Stanislaw; SWIETLICKI, Kazimierz; JESKE, Jozef.

Investigations on the action of urea in the reduction of intra-  
cranial pressure. Ann. Univ. Lublin sect. D 19:21-35 " 64.

1. Oddzial Neurochirurgii Kliniki Chorob Nervowych, Wydział Le-  
karski AM w Lublinie (Kierownik Kliniki: prof. dr. med. Halina  
Koźniewska) ; Centralne Laboratorium Kliniczne w Lublinie (Kie-  
rownik: prof. dr. med. Józef Jeske).

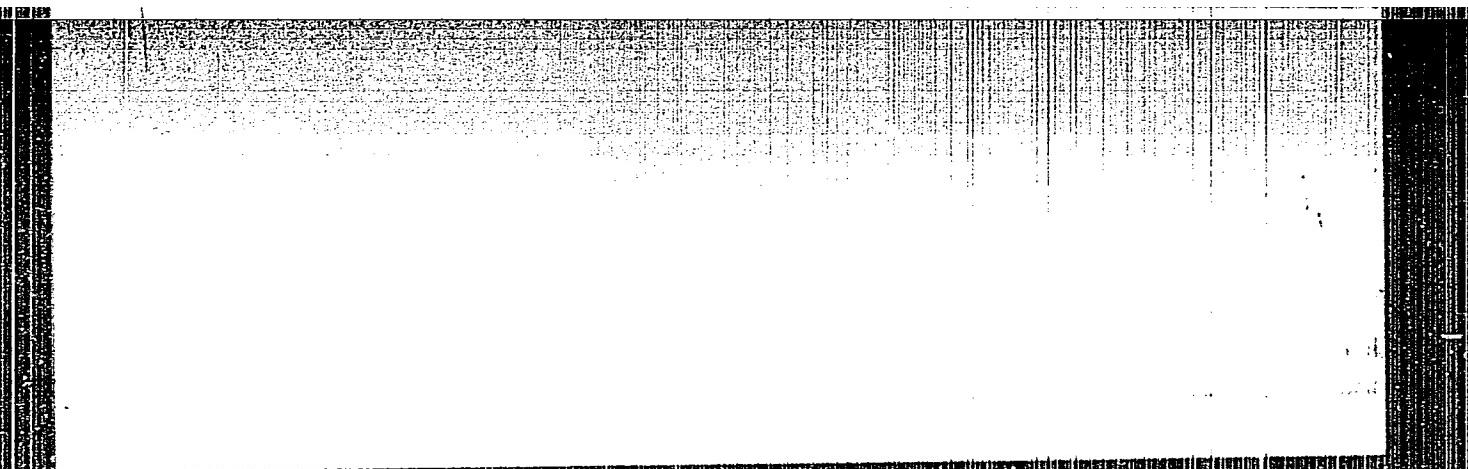
JESKE, JOZEF

Effect of a single infusion of dextran upon renewal of blood-serum proteins in bled dogs. Franciszek Kokot, Józef Jeske, and Jan Chelenin (Zahl. Farm. Wrocław). *Acta Polon. Pharm.* 13, 199-204 (1936) (English summary).  
The quantity of dextran transfused into thoroughly bled dogs was equal to the vol. of drained blood. The expts. disclosed that dextran does not retard the renewal of the total quantity of blood-serum proteins. The proteins reached the initial level at approx. 120 hrs. after the infusion; although the level of total proteins was the same after 120 hrs., the

proportion of  $\alpha$ -,  $\beta$ -, and  $\gamma$ -globulins was significantly different.  
Richard Bierlich

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619620005-2



APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619620005-2"

BORKOWSKI, Boguslaw; JESKE, Jozef; LASTOWSKI, Zbigniew; PRZEGALINSKI,  
Edmund

Spermatocidal activity of tannin and of saponins. Acta pol.  
pharm. 20 no.1:91-92 '63.  
(TANNINS) (SAPONINS) (SPERMATOZOA)

JESKE, Jozef; KAZMIK, Romuald; MITRAI, J., editor

Effect of narcotine on the analgesic activity of morphine. Acta  
Pol. pharm. 21 no.2:193-202 '64.

L. Z Zakladu Farmakodynamiki Akademii Medycznej w Lublinie  
(Kierownik: prof. dr. J. Jeske).

JESKE, Jozef; prof. dr.; RANC, Ewa; STOCHLA, Krystyna

Effect of 5-ethyl-5-phenyl-1,3-dihydro-pyramidine-4,6-dione  
(Mizodin — Polfa) on the course of the glycemic curve after  
the administration of insulin in the rabbit. Acta Pol. pharm.  
21 no.3:303-306 '64

1. Z Zakladu Farmakodynamiki Akademii Medycznej w Warszawie  
(Kierownik: Prof. dr. J. Jeske).

BOJANOWSKI, Witold; JESKE, Tadeusz (Lodz)

Sliding surface and characteristics of the stress field at ramming a flat punch into semi-infinite powdery medium; experimental research. Archiw inz lad 9 no.3:247-262 '63.

ROSSINSKI, Boleslaw; JESKE, Tadeusz; MICHALAK, Jerzy (Lodz)

Experimental analysis of the form of slip surfaces with  
consideration of the reaction of cohesionless soils. Archiw  
inz lad 8 no.2:203-217 '62.

JESKE, W.

"Fodder and Seed Economy in the Osowa Sien State Farm." p. 6 (Plan, Vol. 5  
No. 4, Apr. 1954)

East European Vol. 3, No. 6 1954  
SO: Monthly List of ~~Russian~~ Accessions, Library of Congress, June xx~~99~~%, Uncl.

JESKE, W.

A mechanized deep dung pit. p. 20.

(BUDOWNICTWO WIEJSKIE. Vol. 9, No. 7, July 1957. Warszawa, Poland)

SO: Monthly list of East European Accessions (EEAL,) LC. Vol. 6, No. 10, October 1957. Uncl.

PRSYCHODZKI, Michal; JESKE, Witold; GRYBOS, Jerzy

Analysis of causes of crippleness following fractures and dislocations. Chir.marz. ruchu. 20 no.3:215-225 '55.

1. Z Kliniki Ortopedycznej A M w Poznaniu Kierownik: prof. dr W. Dega, Poznan, ul. Dziersynskiego 135

(FRACTURES, complications,  
crippleness, causes)

(DISLOCATIONS, complications,  
crippleness, causes)

(CRIPPLES,  
after disloc. & fract., causes)

JESKE, Witold; RATOMSKI, Roman

Surgical treatment of recurrent dislocation of the shoulder.  
Chir. nars. ruchu 21 no.1:51-58 1956.

l. Z Kliniki Ortopedycznej A. M. w Poznaniu, Kierownik: prof.  
dr. W. Dega, Poznan, ul. Dzierzynskiego 135/147.

(SHOULDER, disloc.

recur., surg. (Pol))

(DISLOCATIONS,  
shoulder, recur., surg. (Pol))

Jeske, Witold

SINGER, A.; GRYBOS, J.; JESKE, Witold; PIECHOCKI, K.; POIAKOWSKI, I.; SWIDERSKI, G.

Significance of early stabilization of the spine in the treatment of spinal fractures with cord injuries. Chir. narz. ruchu 22 no.4:377-380 1957.

1. Z Kliniki Ortopedycznej A. M. w Poznaniu. Kierownik: prof. dr W. Dega Poznan, ul. Dzierzynskiego 135/147

(SPINE, fractures

causing spinal cord inj., surg., early stabilization of spine (Pol))

(SPINAL CORD, wds. & inj.

caused by fract. of spine, surg., early stabilization of spine (Pol))

Plant Physiology

CZECHOSLOVAKIA

JESKO, Timot; LUKACOVIC, Augustin; HEINRICOVA, Kveta; Chemical Institute, Slovak Academy of Sciences, Bratislava. [Original version not given].

"The Influence of a Mixture of Trace Elements on Some Processes in Sugar Beet During the Vegetation Period. I. Changes in the Intensity of Photosynthesis and Water Regimen in the Plants."

Bratislava, Biologia, Vol 21, No 6, 1966, pp 405-420

Abstract: A mixture of microelements B, Mn, Cu, Zn was used in experiments in a green-house. The sugar beet was Beta vulgaris L. var. Saccharifera, strain Dibrovce N(Semcice). The experiments were conducted in sand to which the microelements were added and a solution of basic nutrients supplied. Control plants were given only the solution of basic nutrients. During the overall period of vegetation the photosynthesis of the plants receiving the microelements was 10-20% higher on sunny days. When sun was not shining the photosynthesis was the same, or 5-7% lower than that of the controls. The highest intensity of

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... diseased at the end of the period  
... 10 Figures, 2 Tables, 8 Western, 8  
... pieces. Article is in German. (Ms. rec 3 Feb 66).

CZECHOSLOVAKIA

JESKO, Timot

Chemical Institute, Slovak Academy of Sciences (Chemicky ustav  
Slovenskej akademie vied), Bratislava

Martin, Biologia, No 12 [December] 1966, pp 904-07

"On measuring leaf area with polar planimeters."

JESLINEK, J.

My experience with the organization of work in our machine-tractor station. p. 43.  
MECHANISACE ZEMEDELSTVI. Vol. 5, No. 3, Feb. 1955

SO: Monthly East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.

JESLINEK, J.

Still on the application of experiences acquired by the Horni Herspice  
Machine-Tractor Station. p. 390. (MECHANISACE ZEMEDELSTVI, Vol. 7,  
No. 17, Sept 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

JESMAN, Mieczyslaw mgr. (Opole, Ul. Powstancow Slaskich 26 m.)

School children commutation to and the zone of cultural influence  
of Opol City. Czasopismo geograficzne 32 no.4:411-426 '61.

JESMAN, Mieczyslaw (Opole)

Significance of maps of relative altitudes in characterizing  
the surface reliefs as seen on the example of the Silesian  
Opole region. Czasop. geograf. 36 no.2:177-185 '65.

JESMAN, Mieczyslaw (Opole)

The electrification of New Zealand. Czasop geograf 33 no.2:  
257-261 '62.

JESMAN, Wladyslaw Andrzej; KRAJEWSKA, Maria; PARADYSTAL, Tadeusz

Analysis of surgical results in the treatment of hallux valgus.  
Chir narzad. ruchu ortop. pol. 27 no.4:535-543 '62.

1. Z Oddzialu Ortopedyczno-Urazowego Szpitala Miejskiego Nr 8 w  
Warszawie Kierownik: prof. dr Z. Ambros.  
(HALLUX)

JESMANOWICZ, Aleksandra

Correlation between some properties of corn and their selectional significance. Rocznik nauk rolniczych 81 no.1:177-185 '60. (EEAI 9:10)

1. Instytut Uprawy, Nawożenia i Gleboznawstwa, Puławy.  
(Poland--Corn (Maize))

LISTOWSKI, Anatol; JESMANOWICZ, Aleksandra

The influence of vernalization upon the development of some plants.  
Rocznik rolniczy 83 no.4:695-706 '61.

Instytut Uprawy, Nawożenia i Gleboznawstwa, Pracownia Fizjologii  
Rozwoju Roslin, Puławy.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619620005-2

JESMANOWICZ, L. (Torun)

On the Hardy-Landau Theorem. Col math 7 no.2:261-264 '60. (EEAI 10:1)  
(Series) (Convergence)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619620005-2"

Fesmanowicz, L. On the Cesàro means. Studia Math. [2],  
1951, p. 158 (1951).

Let  $\{x_n\}$  denote the  $n$ th Cesàro means of order  $\alpha$  of the series  $\sum a_n x_n$ . The author proves the following results. (I) If  $a_n = o(n^{\beta})$ ,  $\alpha + 1 > 0$ ,  $\beta + 1 > 0$ , then the sum of  $\sum a_n x_n$  is summable  $(C, \alpha)$  for  $\alpha < \alpha + 1$ . (II) Under the hypotheses in (I),  $\sum a_n x_n$  is either summable  $(C, \alpha)$  or not summable by any Cesàro mean. (III) If  $\sum a_n x_n$  is summable  $(C, \alpha)$  to zero, where  $\beta + 1 > 0$ ,  $\alpha + 1 > 0$ , then  $a_n = o(n^\beta)$ , where  $s = 0$  for  $\beta \geq 0$ . These are refinements on previously known results in which the hypotheses on  $\alpha$  and  $\beta$  were more

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619620005-2

Source: Mathematical Reviews,

Vol 13 No 6

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619620005-2"

JESMANOWICZ, L.

On direct decompositions of torsionfree Abelian groups. Bul Ac Pol  
mat 8 no.8:505-510 '60.

1. Department of Mathematics, N. Copernicus University, Torun.  
Presented by A. Mostowski.

(Abelian groups)

JESMANOWICZ, L. (Torun).

A voice in the debate on the creation of a degree of doctor  
of mathematics in pedagogy. Rocznik matematyczny 5:109-113 '61.

JESMANOWICZ, Leon, doc.dr.

Proposals of the Committee for the Propagation of Mathematics  
announced at the General Meeting of the Polish Mathematical  
Society. Rocznik matematyczny 6 no.1:85-86 '62.

1. Przewodniczący Komisji Popularyzacji Matematyki, Polskiego To-  
warsztwa Matematycznego, Toruń.

JESMANOWICZ, L. (Torun)

On the  $C^\alpha / \epsilon^\beta$  convergence. Annales pol math 12 no.1:25-37 '62.

LISTOWSKI, Anatol; JESMIA NOWICZ, Maria

Contribution to the knowledge of the development and environment of  
some plants. Rocznik nauk rolniczych 81 no.2:303-335 '60. (EEAI 9:11)

1. Institut fur Pflanzenbau, Dungung und Bodenkunde, Pulawy, Polen.  
(Poland--Plants)

CEKULINA, A.; LASIS, A.; SKARDS, V.; TILAKS, S.; INTAITIS, E.;  
KELPIS, E.; SALMANIS, A.; REINIKOVIS, I.; KARKLINS, J.;  
ABOLINS, J.; KULA, P.; TIMSANS, S.; JESPURINS, J.;  
KRUSTS, R.; KLAVINS, E., red.

[Overall mechanization of dairy farms] Piema lopu farmu  
kompleksa mehanizacija. Riga, Latvijas Valsts izdev-  
nieciba, 1964. 309 p. [In Latvian] (MIRA 18:7)

JESSINOVSKAJA, V.

Tulip species suitable for Estonia. p. 466

SOTSIALISTLIK PÖLLEMÄJANDUS. Tallinn, Estonia. Vol. 14, no. 10, May 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

JESUTA, Vilem inz.

Measurement of short distances with the NASM-2A geodimeter.  
Geod kart obzor 9 no.128321-325 D'63.

1. Geodeticky a topograficky ustav, Praha.

JESZENAK, V.; TOLGYESSY, J.

Automatic thermometric titration. p. 385. CHEMICKE ZVESTI.  
Bratislava. Vol. 9, no. 6, June 1955.  
1st National Conference on Inorganic Chemistry. p. 390.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

JESZENAK, VIKTOR

Czechoslovakia /Chemical Technology. Chemical Products H-1  
and Their Application  
General Problems

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1498

Author : Jeszenak Viktor

Title : Fluidization -- A New Trend in the Technology of  
Granular and Pulverulent Materials

Orig Pub: Techn. praca, 1956, 8, No 12, 532-533

Abstract: A review. The development of fluidization technology according to the papers presented at the Second Conference of Scientific Research Workers in the Field of Inorganic Chemistry, held at Usti nad Labem (Czechoslovakia).

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JESZENSKY, Arpad, dr.

Horticulture and large-scale plant. Elet tud 15 no.21:663-666  
22 My '60.

H/016/60/000/011/003/003  
B009/B057

AUTHORS: Jeszenszky, Béla; Hartmann, Ervin

TITLE: Structure of Real Crystals III. Dislocations

PERIODICAL: Fizikai Szemle, 1960, Vol. 10, No. 11, pp. 340-347

TEXT: This is the third part of reports of a working group of the Hungarian Academy of Sciences, assigned to research on crystal growth. The authors of this paper expose the theory of dislocations on the basis of standard text books and other literature and report on their own experiments confirming the theory. Definitions and characteristics of the different kinds of dislocations - marginal or linear (Taylor or Orowan), torsional (Burger) - are given with reference to the more exact treatment of this matter in textbooks of Cottrell and Seeger. For the critical shear stress producing displacement in marginal dislocation, a formula of Peierls is quoted. The shear stress field of torsional dislocation is calculated and demonstrated by the authors' micrograph. For the origin of dislocations, several concepts based on crystal growth are presented. On dislocations in plastic deformation, the multiplication

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Structure of Real Crystals III. Dislocations

H/016/60/000/011/003/003  
B009/B057

mechanism of F. C. Frank and W. Ried is explained. According to this, a great number of dislocations is necessary to produce plastic flow. Methods of detecting dislocations are explained: the decoration (electrolytic) method, etching with chemicals or by thermal evaporation. The electron-microscopic and the X-ray method are not treated in this communication. Regel' and coworkers are credited for tests on almost 50 materials, published in their comprehensive text book (*Kristallografiya*, Ref. 20). 6 micrographs of the etching tests of the authors and one coworker are presented in Figs. 11-16. Finally, the authors point out the applications of the dislocation theory. Numerous physical characteristics: critical shear stress, yield point, ageing, work hardening, internal friction, endurance strength, creep, brittleness etc. are explicable by dislocation. Dislocations have an important influence on crystal growth according to latest theories of W. Burton, N. Cabrera, F. Frank, and A. Verma (Refs. 27, 28), further on electrical, magnetic, optical and chemical properties of materials. Jogs are active places in connection with plastic deformation. Investigations of the Hungarian Academician Z. Gyulai (Ref. 36) on pressure effect are often referred to. C. Gallagher reported on crystalline solids to the Conference in Bristol (1954, Ref. 38). Dislocations figure large

Card 2/3

JESZENSKY, B.; KISS, J.

Latest measurings of the conductivity of deformed sodium chloride crystals. Acta phys Hung 13 no.4:479-480 '61.

l. Institut fur Experimentelle Physik der Technischen Hochschule for Bau- and Verkehrswesen, Budapest.

S/070/62/007/003/014/026  
E132/E460

AUTHORS: Jeszenszky, B.; Hartmann, E.  
TITLE: Certain observations on the growth and mechanical properties of whisker crystals of NaCl  
PERIODICAL: Kristallografiya, v.7, no.3, 1962, 433-436 + 1 plate  
TEXT: Whisker crystals of NaCl were grown by the methods of S.Amelinskx and C.C.Evans. A saturated solution of NaCl was run into a sheet of cellophane supported on an aluminium frame. The frame was put into a beaker at the bottom of which was a cup of saturated solution. The beaker was covered to make evaporation very slow. Whiskers grew on both sides of the cellophane to a length of 3 cm at a rate of about 5 to 10 mm/day. At the end of each crystal there was usually a thickening. Fine canals were observed to run through the needles. A new method of growing whiskers from a seed is described permitting the preparation of crystals up to 20 cm long. It is shown that whisker crystals are twisted about their lengths with a period of 1/2 to 40 mm. This corresponds to a Buergers vector of 40 to 240 Å. The faces of the whisker crystal were perpendicular to each other and the cross-

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S/070/62/007/003/014/026  
El32/E460

Certain observations on ...

section was often rectangular with a ratio of up to 10:1. When fresh the side faces are smooth but after two weeks standing they become rough and covered with tiny cubic crystallites. Thickened places are often formed where two fibres cross. The maximum twisting of whiskers was noted and it was found that the elastic twisting possible is 10 times greater than that for usual NaCl crystals and corresponds to a maximum stress of 8100 g/mm<sup>2</sup>. Great plasticity in twisting is found at room temperature and may reach 10%. The form of a whisker very greatly bent under its own weight when held by one end was plotted but could not be treated analytically. Acknowledgments are expressed to Professor Z.Gyulai for advice. There are 9 figures.

ASSOCIATION: Budapesht.Politekhnicheskiy institut stroitel'stva i transporta (Budapest Polytechnical Institute for Building and Transport)

SUBMITTED: September 15, 1961

Card 2/2

JESZENSKY, Bela; HARTMANN, Ervin

NaCl acicular crystals grown in spiral column shape. Magy fiz  
folyoir 10 no.3:183-187 '62.

1. EKMUE, Kiserleti Fizikai Intezet, Budapest.

HARPMANN, Ervin; JESZENSKY, Bela

Acicular crystals. Magy fiz folyoir 11 no.5:411-429.  
'63

1. EIMUE, Kiserleti Fizikai Intezet; Kristalynovekedesi  
Akademiai Kutatocsoport.

HUNGARY/Atomic and Molecular Physics - Statistical Physics.  
Thermodynamics.

D.

Abs Jour : Ref Zhur Fizika, No 8, 1959, 17591

Authbr : Jeszczyszky, Ferenc

Inst :

Title : Negative Absolute Temperatures

Orig Pub : Fiz. szemle, 1958, 8, No 8, 250-253

Abstract : The article is devoted to an explanation of the physical meaning of negative absolute temperatures (NAT). By definition, a certain body or a certain system will have a NAT if it is heated to so high a temperature, that a further increase in the temperature no longer leads to an increase in the internal energy of the body or system. Quantitatively, the transition to NAT can be understood from an examination of the behavior of the entropy system. An ordered system has an entropy of zero; an increase in the temperature increases the entropy,

Card 1/2

JESZENSKY, F.

Some remarks on the quantum-mechanical concept of physical magnitude.  
Acta phys Hung 11 no.3:217-224 '60. (EEAI 9:10)

1. Institut fur Theoretische Physik der Roland Eotvos Universitat,  
Budapest. Vorgelegt von K.F.Novobatsky.  
(Quantum mechanics)

JESZENSKY, Ferenc (Budapest)

Fundamentals of quantum mechanics and calculus of probabilities.  
Mat kozl MTA 11 no.2:125-130 '61.

1. Eotvos Lorand Tudomanyegyetem Elmeleti Fizikai Intezete, Budapest.

(Quantum theory) (Probabilities)

JESZENSKY, Ferenc

What is the principle of operation of the atomic clock?  
Elet tud 15 no.16:499 17 Ap '60.

1. Eotvos Lorand Tudomanyegyetem Elmeleti Fizikai  
Intezetek tudomanyos munkatarsa.

JESZENSKY, Ferenc

Negative absolute temperatures. Fiz. szemle 8 no.8:250-253 O '58.

l. Eotvos Lorand Tudomanyegyetem Elmeleti Fizikai Intezete.

JESENSKY, Ivan

How our trade-union organization fulfills its tasks in  
granting bonuses. Prace mzda 11 no.10:459-465 O '63.

1. Predseda zavodniho výboru Revolučního odborového hnutí,  
Východoslovenské závody, Košice.

JESZENSKY L. Kiserletek uj tuberculinszeru prophylacticusan hato anyag eloallitashoz  
Experiments for the production of a new tuberculin-like substance with prophylactic action  
Orvosi Hetilap, Budapest 1948, 89/20 (316-317)

The unsatisfactory action of tuberculin, when used prophylactically and therapeutically, may be due to the production of tuberculin from cultures grown on artificial media. The antigen for the author's experiments was produced by maceration in saline of caseous human pulmonary tissues, removed at autopsy. This was passed through a fine Berkefeld filter and carbolic acid in 0.50 o/o concentration was added. Experiments were carried out with this substance on ten guinea-pigs. The first injection, subcutaneously in the inguinal region with 0.10-0.20 ml., was followed by two further injections of 0.40-0.50 ml. at two to three-week intervals. These guinea-pigs, and as a control, one untreated guinea-pig, were injected in the inguinal region with a freshly prepared suspension of hifman, ftuberciss, bacillier. The control animal died of generalized tuberculosis after four weeks, the other animals survived for approximately four to six months and though finally they did die of generalized tuberculosis, the lesions showed dense and extensive fibrosis.

Kellerman - Colchester (XV, 4)

So: Medical Microbiology and Hygiene, Section IV, Vol 3, No 1-6

HUNGARY/Solid State Physics - Crystallization

E-7

Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 950

Author : Jeszenszky B.

Inst : Institute for Experimental Physics, Technical University  
for the Building Industry, Budapest, Hungary

Title : On the Mechanism of Growth of NaCl Crystals.

Orig Pub : Acta phys. Acad. sci. hung., 1957, 8, No 1-2, 147-160

Abstract : The author investigates the surfaces of the natural and synthetic NaCl crystals (I) grown from a melt and from a solution. In microscopic observations of the surface of polycrystalline plates of I, formed on the surface of a rapidly cooling melt, there are observed spiral forms of the growth on the boundaries of the individual blocks. Photographs are given of new etching figures on surfaces of I. It is indicated that the most readily etched are crystals from melts. For natural crystals it is necessary to have a longer etching. As a result of etching, various types of spiral growth forms have been obtained (round,

Card : 1/2

Country	:	Hungary	B-5
Category	:	Physical Chemistry - Crystals.	
Abs. Jour.	:	Referat Zhur-Khimiya, No 6, 1959	18364
Author	:	Jesszenszky, B.	
Institut.	:	Hungarian Academy of Sciences	
Title	:	Mechanism of Growth of NaCl Crystals	
Orig Pub.	:	Acta phys. Acad. sci. hung., 1957, 8, No 1-2, 147-160	
Abstract : A study of the surface of natural and synthetic NaCl crystals grown from melt and solution. Microscopic observations of the surface of polycrystalline plates of NaCl formed upon the surface of rapidly cooling melt, revealed spiral forms of growth at boundaries of individual blocks. Photographs are shown of new etching patterns on NaCl surface. Crystals derived from melt are most readily etched; natural crystals require more prolonged treatment. As a result of etching tests different kinds of spiral forms of growth were obtained (circular, quadrangular, twinned, etc.), which are similar to spirals of crystal growth from vapor and solution. It is pointed out that spiral growth plays an important part in growth of crystals from a melt. -- I. Kamentsev.			

JESZKENSZTY, GM.

"The Complex Brigade of EMAG Quality", p. 756 (MAGYAR TECHNIKA, Vol. 8, no. 12, Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Unci.

JEZDINSKY, J.; STOJAN, B.

Mechanism of anti-inflammatory effect of substances from the posterior pituitary. Cesk. fysiolog. 8 no.3:205-206 Apr 59.

1. Farmakologicky ustav a ustav experimentalni patologie lek. fak.  
PU v Olomouci, Predneseno na III. fysiologickych dnech v Brne dne 14.  
1. 1959.

(VASOPRESSIN, effects,  
on exper. inflamm. (Cz))  
(INFLAMMATION, experimental,  
eff. of vasopressin (Cz))

JESZENSKY, B.

Mechanism of the growth of sodium chloride crystals.

B. Jezensky (Inst. Erdöl. Physik., Budapest) *Acta Phys. Acad. Sci. Hung.* 8, 147-60  
(1957) (in German). Spiral growth forms were found on  
NaCl crystals grown from the melt. Further forms were  
developed by etching with warm 88-92% EtOH contg.  
traces of I<sub>2</sub> or HCHO. Growth from the melt involves  
screw dislocations. W. A. Van Hook

Distr: 4Eij/4Elc

✓ 4  
Signature 2

JESZENSKY

## PROCESSED AND PROPRIETARY INGREDIENTS

**Modified Bunsen cell.** I., JESSENAGY. Hung. 102,102, Dec. 24, 1929. NaOH or KOH is used as electrolyte with (1) KMnO<sub>4</sub> dissolved in H<sub>2</sub>SO<sub>4</sub> contg. water (potentiol 2.7 v.), or (2) Na or K dichromate (2.8 v.), or (3) concd. HNO<sub>3</sub> (2.4 v.), or (4) H<sub>2</sub>SO<sub>4</sub> contg. HgO (1.9 v.) or (5) pyrolusite powder moistened with acid water (1.8 v.), as depolarizing liquid.

AM-SEA METALLURGICAL LITERATURE CLASSIFICATION

**APPROVED FOR RELEASE: 08/10/2001**

CIA-RDP86-00513R000619620005-2"

BOGDANSKI, Kazimierz; JESZKA, Jadwiga

The influence of extraneous substances on the L-ascorbic-acid  
spots on paper chromatograms. Chem anal 6 no.2:207-213 '61.  
(EEAI 10:9)

1. Department of Nutriments and Vitamin Concentrates Technology,  
Politechnika, Lodz.

(Ascorbic acid) (Chromatography)

BOGDANSKI, Kazimierz; JESZKA, Jadwiga; KENNER, Magdalena

Surface area variation of the paper chromatography spot of L-ascorbic acid. Chem anal 5 no.5:781-789 '60. (KEAI 10:9)

1. Katedra Technologii Odzywek i Koncentratow Witaminowych Politechniki, Lodz.

(Chromatography) (Ascorbic acid)

JESZKE M.

POLAND/Chemical Technology - Chemical Products and Their  
Applications - Pesticides.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37310

Author : Jeszke, M., Walkowiak, F.

Inst :

Title : A Study of Applicability of Gas Mixture BF for Sterili-  
zation of Food Products.

Orig Pub : Roczn Panstw. Zakl Hig., 1957, 8, No 4, 341-347

Abstract : Applicability of gaseous preparation BF ( $\text{CHCl}_3$   $\text{CCl}_2$   
 $\text{CHCl}_2\text{CHCl}_2$  mixture) for food products (FP)  
sterilization without their deterioration, was tested.  
The study was made by chemical and biological methods.  
(FP) were gassed for 24 hrs at 17-26°C and at a relati-  
ve humidity of 46-60%. After 24-48 hrs of aeration BF  
content in alcohol infusion was determined by means of  
combustion and by turbidimetric determination of chlo-  
rine-ion. It was established that aeration time of FP

Card 1/2

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DZIERZYNSKI, Mieczyslaw; JESZKE, Witold.....

Working efficiency of the motor apparatus of spondyloarthritis  
ankylopoietica patients according to clinical and radiological  
data. Reumatologia (Warsz.) no.2:147-150 '63.

1. Z Instytutu Balneoklimatycznego w Poznaniu (Dyrektor:  
prof. dr med. J. Jankowiak).

JESZKO, T.; JESZKO, T.

Tractors and agricultural machinery, p. 756.

PRZEGLAD TECHNICZNY (Naczelna Organizacja Techiczna)  
Warszawa, Poland  
Vol. 79, no. 16, August 1958

Monthly list of East European Accessions Index (EEAI), L<sup>c</sup>, Vol. 1, No. 11,  
November 1959  
Uncl.

JESZTL, Janosne; KOSDA, Bela; SZVETELSZKY, Lajos; KALDI, Pal

Experiences in the installation and industrial application  
of foam columns for gas dust control and gas cooling.  
Veszprem vegyip egy kozl 7 no.1:81-86 '63.

1. Peti Nitrogenmuvek es Magyar Tudomanyos Akademia  
Muszaki Kemial Kutato Intezete, Veszprem.

JETEL, Jan, promovany geolog

Ensuring the performance of our plan in the field of hydro-  
geology. Geol Pruzkum 6 no. 3:77-78 Mr '64.

1. Central Geological Institute, Prague.

JETEL, Jan, promovany geolog; KOLAROVA, Margarita, promovana geolozka,  
nositelka cestneho odznaku "Nejlepsi pracovnik geologicke sluzby"

Methods of boring hydrogeological prospecting holes. Geolog pruzkum  
5 no.2:36-39 F '63.

1. Ustredni geologicky ustav, Praha.

JETEL, Jan, promovany geolog

Pictorial representation of underground water chemism on maps.  
Geol pruzkum 5 no.3:87-89 Mr '63.

1. Ustredni ustav geologicky, Praha.

JETEL, Jan, promovany geolog

Experiences in hydrogeological boring in Hungary. Geol  
Pruzkum 5 no.11:334-336 N '63.

1. Ustredni ustav geologicky, Praha.

JETEL, Jan, promovany geolog

Use of the specific water yield values and the new inferred  
parameters in hydrogeology. Geol pruzkum 6 no.5:144-145  
My '64.

1. Central Geologic Institute, Prague.

JETPL, Jan

Relation between the temperature and carbon dioxide content  
in mineral waters of the Sokolov Basin. Vest list geol 39  
no. 3:205-207 My '64.

1. Central Geological Institute, Prague.

JETFL, Jan, promovany geolog

Determination of aquifer filtration parameters during unsteady  
flow conditions. Geol pruzkum 6 no.10:301-303 O '64.

1. Central Geological Institute, Prague.

JFTEI, Jan

Hydrochemical zoning of the central part of Slovenské Rudohorie, Slovakia  
Acta geol. 39 no. 5:381-382 S. 164.

I. Central Geological Institute, Prague.

JETEL, M.; ZELENKA, J.

Comprehensive examinations of children attending special schools. Cesk.  
psychiat. 54 no.6:355-363 Dec 58.

1. Detsko-knjenecke oddeleni OUNZ Cheb.

(PSYCHOLOGICAL TESTS

comprehensive exam. of child. attending special schools  
(Cz))

(CHILD .

same)

ZELENKA, J.; JETEL, M.; POKORNY, A.

Examination of 383 six-year-old children before school admission using a polyclinic method. Cesk. pediat. 14 no.4:374-378 5 Apr 59.

1. Detsko-kujenecke oddeleni OUNZ Cheb, prim. MUDr. Jiri Zelenka. J. Z. Cheb, Brandoova 15.

(PEDIATRIC DISEASES, statist.

mass survey of 6-year-old child, before admission to school  
(Cz))

(PHYSICAL EXAMINATION,

polyclinic method of mass exam. of child. before admission  
to school (Cz))

ZELENKA, J.; JETEL, M.

Contribution to the treatment of bronchopneumonia in infants; use of chlorpromazine; clinical study. Cas. lek. cesk. 98 no.12:367-371 20 Mar 59.

1. Detske oddeleni Cheb, prim. MUDr. J. Zelenka. J. Z., Cheb, Brandlova 15, M.J., Cheb, OUNZ, Kralo Jiriho 17.

(PNEUMONIA, in inf. & child

ther., chlorpromazine (Cz))

(CHLORPROMAZINE, ther. use  
pneumonia in inf. (Cz))

ZELENKA, J.; JETEL, M.

The concept and functioning of school health services in the Cheb district. Cesk. pediat. 14 no.7:662-670 July 59.

1. Detake oddeleni OUNZ Cheb.  
(SCHOOL HEALTH)

JETEL, M.

Psychiatric aspects of medical expert evaluation of work capacity  
in adolescents. Cesk.psychiat. 56 no.2:100-108 Ap '60.

1. Psychiatrické oddelení KUNZ - Karlovy Vary.  
(ADOLESCENCE psychol.)

ZELENKA, J.; JETEL, M.; JILKOVA, B.; POSPISIL, J.

Clinical experience with administration of tablets of V-penicillin  
for pneumonia and angina in children. Cesk.pediat.16 no.1:26-31  
Ja '61.

1. Detske oddeleni OUNZ v Chebu, primar MUDr. Jiri Zelenka.  
(PENICILLIN ther)  
(PNEUMONIA in inf & child)  
(TONSILLITIS ther)

POSPISIL, J.; JIJKOVA, B.; ZELENKA, J.; JETEL, M.

Studies on the blood penicillin level in infants and children  
after the administration of a single dose of phenoxyethylpenicillin  
and its potassium salts. Cesk.pediat.16 no.2:122-127 F '61.

1. Detske oddeleni GUNZ v Chebu, prednosta MUDr. Jiri Zelenka.  
(PENICILLIN blood)

JETEL, Milos; NEPUSTIL, Bohumir

On the problem of morbidity among Gypsy children in the Cheb  
Region. Cesk.pediat.16 no.3:276-280 Mr '61.

1. Detske oddeleni OUNZ Cheb, primar MUDr. J. Zelenka.  
(PEDIATRICS)  
(ETHNOLOGY)

CZECHOSLOVAKIA

JETEL, M., Promoted Pediatrician

Psychiatric Ward OUNZ (Psychiatrické oddelení OUNZ),  
Karlový Vary

Prague, Praktický lekar, No 4, 1963, pp 144-147

"Aid of Child Psychiatry in the Selection of Vocation."

JETEL, M.

Apropos of Heller's infantile dementia. Cesk. psychiat. 60 no.5:  
318-325 O '64.

1. Psychiatricka ambulance pro deti a mladistve nemocnice s poli-  
klinikou, Karlovy Vary.

JETEL, M.

The problem of sexual development in childhood. Cesk. pediat. 20  
no.11:1005-1008 N '65.

1. Ordinariat detske psychiatrie nemocnice s poliklinikou v  
Karlovy Varech.

CZECHOSLOVAKIA

JETEL, M.; Department of Child Psychiatry, Hospital with Poly-clinic (Ordinariat Detske Psychiatrie s Poliklinikou), Karlovy Vary.

"*Psychiatric Evaluation of Sexual Delicts in Juvenile Males.*"

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 3, Jun 66, pp 160 - 167

Abstract [Author's English summary modified]: 58 boys were examined by the author between 1963-1965; they were referred to the clinic by various branches of law enforcement agencies. The developmental aspect of adolescence is the most striking feature of infantile syndromes. The author describes in detail 6 cases where he recommended that criminal prosecution should be suspended. In all of the cases the criminal behavior was due to mental disturbance and the patients were hospitalized to receive the required treatment. Only very young patients could be treated successfully as out-patients. Special institutions for treatment of juvenile delinquents are recommended. 2 Figures, 12 Western, 12 Czech references. (Manuscript received 20 Jul 65).

1/1

JETELOVA, Jarmila, promovana geolozka; KLIR, Stanislav, promovany geolog,  
kandidat geologicko-mineralogickych ved; STRASKRABA, Vladimir, inz.

Results of the Czechoslovak-Polish conference on joint problems  
in deposit hydrogeology. Geol pruzkum 6 no.5:156 My '64.

1. Geologicky pruzkum National Enterprise, Prague; Central  
Geologic Institute; Uhelný pruzkum National Enterprise, Ostrava.

JETHON, Z.

EXCEPTEA MEDICA Sec.12 Vol.9/10 Ophthalmology Oct55

1547. KAPUŚCIŃSKI W. J., JETHON Z., SIKORSKA K., PACYŃSKA J. and OJRZYŃSKI Z. Klin. Ocznej A. M., Wrocław; Zakł. fizjol. A. M., Wrocław.  
\*Doświadczalne badania nad płynem przedniej komory oka w zapaleniu tęczówki po zastosowaniu antystyny i szczepionki durowej. Investigations on the influence of the aqueous humour on the frog's heart in iritis treated with antistine and typhoid vaccine POST.

OKULISTYKI 1954, 1 (57-68) Graphs 7 Tables 2

Antistine and typhoid vaccine were used as provocative agents and its activity was tested on the frog's heart. The frog's heart was observed subjected to the injection of the aqueous humour taken before and after the treatment with the drugs mentioned. The experiments with antistine were negative, that with typhoid vaccine showed mutual relations, perhaps because of mobilizing ACTH. The symptoms were similar to blocking of the parasympathetic bodies.

Szmyt - Lódz

JETHON, Zbigniew

JETHON, Zbigniew; GOSK, Adam

Treatment of post-hemorrhagic states by intra-arterial blood transfusion following anesthesia of angioreceptors with novocaine. Acta physiol. polon. 8 no.2:159-164 1957.

l. Z Zakladu Fizjologii A. M. we Wrocławiu Kierownik: prof. dr A. Klisiecki.

(SHOCK, experimental,

eff. of intra-arterial transfusion after procaine anesth.  
of angioreceptors (Pol))

(BLOOD TRANSFUSION,

intra-arterial, in exper. shock, with procaine anesth. of  
angioreceptors (Pol))

(PROCAINE, anesthesia and analgesia,

local of angioreceptors in intra-arterial transfusion in  
exper. shock (Pol))

JETHON, Zbigniew

JETHON, Zbigniew (Wroclaw, ul. Chalubinskiego 10)

Significance of muscles in absorption of mechanical shocks. Postepy  
hig. med. dosw. 11 no.3:331-336 1957.

1. Zaklad Fizjologii An  
(MUSCLES, physiology,  
absorp. of mechanical shocks (Pol))  
(SHOCK, mechanical, role of musc. in absorp. (Pol))

JETTON, Z.

Medical problems of high-altitude and high-speed flights. p. 60.

WOJSKOWY PRZEGLAD LOTNICZY. (Dowództwo Wojsk Lotniczych) Warszawa, Poland.  
Vol. 11, No. 10, Oct. 1958.

Monthly List of East European accession (EEAI), LC. Vol. 8, No. 9 September,  
1959. Uncl.